LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 309

JAMS

79315—1

LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

BULLETIN No 309

JAMS

OTTAWA, March 26, 1915.

J. U. VINCENT, ESQ.,
Deputy Minister of Inland Revenue,

SIR,—The accompanying report deals with two hundred and twenty-seven (227) samples purchased as Jam by our inspectors in September, October and November of last year.

These samples are sold, for the most part, simply as Jam or Marmalade; but a considerable number are labelled "compounds" or "mixtures." This is the case with one hundred and three (103) of the samples now reported.

Some ambiguity attaches to the use of the words *Compound* or *Mixture* in the case of Jam. Section 24 of the Adulteration Act provides that adulteration cannot be charged "Where any articles of food not injurious to the health are mixed together as a compound, and sold or offered for sale as such, with each package, roll, parcel or vessel containing such articles distinctly labelled as a mixture in conspicuous characters forming an inseparable part of a general label bearing the name and address of the manufacturer."

This would apparently cover the case where sugar is in whole or part replaced by glucose; or where harmless dyes or preservatives are added to the jam.

By an Order in Council of 17th October, 1912 (published as Circular G. 1044) jam, or marmalade is defined as, "The sound product made from clean, sound, properly matured and prepared fresh fruit, or fruit pulp, and sugar, with or without spices or vinegar, by boiling to a semi-solid consistence; and conforms in name to the fruit used in its preparation."

There can be, of course, no reasonable objection to the use of two or more species of fruit in the preparation of jam; and a jam made from two or more sorts of fruit is recognized as legal, so long as the name under which such a jam is offered for sale distinctly announces the fact of compound character, as to the fruit used. Section 10 of the Order in Council above quoted, is as follows:—"When Jam, Marmalade, Fruit Butter or Jelly contains other fruit or fruit juice than that which gives its special name

to the article, the fact of the presence of such other fruit shall be stated upon the label, in lettering as large and as distinct as that used in naming the fruit principally present. This requirement does not however apply to the use of fruit juice, up to the amount of ten (10) per cent of the weight of the jam, etc., used instead of water in the manufacture of the jam, etc."

This Department has been given to understand that, in the cooking of fruit, it is usual to add a certain proportion (not large) of water. The substitution of a fruit juice (sweet cider, fresh currant, etc., juice) for this water is incontestably an improvement and enhances the value of the jam. For this reason, the manufacturer is not required to declare such addition; but as a matter of business, he will naturally do so.

Certain other additions, or substitutions, in jam-making are not so generally looked upon with approval by the public. Thus, substitution of glucose (corn syrup) for sugar; or the addition of small amounts of saccharin or other sweetening substances, in order to economize sugar, are practices which only become legitimate when the fact is stated upon the label. Section 11 of the Order in Council above referred to, reads:—"When the sugar in preserve, jam, marmalade, fruit-butter or jelly is wholly or partially replaced by glucose or by any other substitute for sugar, the fact of such substitution shall be stated upon the label in plain lettering."

Later than the date of the above Order in Council, it came to the knowledge of the Department that advantage was being taken of permission given to manufacture jams from two or more kinds of fruit, on condition that both sorts of fruits should be named on the label. Apple pulp being so much cheaper than the pulp of strawberries, raspberries, currants, etc., jams made from apples and strawberries, apples and raspberries, and other combinations came upon the market; and inspection showed that, in many of these, the apple predominated to such an extent that it became necessary to add a colouring matter to the jam, if it was to have the appearance of raspberry, or strawberry—and even to add a synthetic (artificial) flavour, in order to give it something of the taste of the smaller fruit. Yet, these jams, although they might contain 80 or 90 per cent of their fruit as apple pulp were labelled in such a way as to claim the strawberry rather than the apple, as a basis

In order to put a stop to this species of sharp practice, amounting to fraud, an Order in Council was passed in August 1913, adding a twelfth section to the Order of October, 1912, as follows: (Circular G. 1080.)

"When Jam, Jelly, Marmalade, etc., are prepared from two or more sorts of fruits, "the first named fruit on the label shall be that which is present in largest amount: thus "a jam made from Strawberries and Apples or Apple Pulp or Apple Jelly, shall be "labelled as Strawberry and App[illegible] if the weight of Strawberries used exceeds "the weight of Apples or Apple [illegible] Jelly in the product; where the weight "of Apples or Apple Pulp or Ap[illegible] exceeds the weight of Strawberries used, the "label shall read, 'Apple and Straw[illegible]ry Jam' or 'Apple Jam flavoured with Straw-"berries or otherwise, in such a way as to make clear the fact that Strawberries are not "the chief constituent."

The question has been raised: May an article of jam, containing more or less straw berries, raspberries, etc., but largely composed of apple pulp (or the other cheap fruit pulp) be sold as compound strawberry, or compound raspberry jam, under Section 24 (d) of the Act—without specific statement of the different fruits present, as required by Section 10 of the Order in Council of 17th October, 1912?

I am inclined to think that, as the Order in Council derives its authority from the Act (Sec. 26), it is reasonable to give priority of force to the requirements of the Act; although a final decision in this regard, can only emanate from the courts.

A jam may therefore be compound, either as containing other fruit than that which gives its name to the jam; or, as containing substitutes for sugar or the natural colouring matter of the fruit—the artificial colouring matters being, of course, of such a character as to be harmless to health.

Colouring matters.—An Order in Council of 9th January 1915 (published as Circula G. 1167) requires that—with certain specific exceptions, not inclusive of Jam the presence of artificial colouring matters must be declared upon the label, in easily, legible type. Here the question arises: Does the use of the word compound or mixture upon the label, constitute a declaration of the kind required?

It has been the practice of this Department to accept the employment of the word compound or mixture, as covering the presence of harmless colouring matters, as well as of permissable amounts of preservatives. These last are more especially defined by Order in Council of 4th April, 1914 (published as Circular G. 1111), and with exception of Common Salt, Sugar, Saltpetre, Wood Smoke, Vinegar, Acetic Acid, Spices and Alchol, are required to be named upon the label, when they are present.

Glucose. (Corn Syrup.)—It is claimed by many manufacturers that the addition of small amounts of glucose (not exceeding 10 per cent) is actually an improvement in the manufacture of jams. If this be the case, the addition of a small amount of glucose to jam would be of similar nature to the addition of fruit juice used instead of water; a practice which is specifically permitted by Order in Council of 17th October, 1912. If the claim above referred to is established, it might be proper to permit the addition of glucose to jam, without statement of the fact, and within a specified limit, as to the amount. This is a matter to be further studied.

Quantity of Fruit in Mixed Jams.—Reference has already been made to Order in Council of 25th August, 1913, which requires that, in these jams, fruit which is present in largest amount shall give its name to the jam. The quantitative determination of fruits in admixture is often a matter of great difficulty. I have referred to this in Bulletin No. 119, p. 3 —. Fortunately the cases in which this determination has to be made, are essentially mixtures of apple with strawberries, raspberries or currants. In strawberries and raspberries the number of achenia found serve to fix, with tolerable exactness, the proportion of these fruits present; and the number of seeds in the currant serve the same purpose. It only remains to ascertain within what degree of accuracy the method is applicable to jams; and this will be investigated during the coming fruit season.

It is, however, very questionable whether the public is effectively informed as to the composition of a jam by the order of statement of its component fruits on the label. The designation *Strawberry and Apple Jam*, means that, of the total fruit used in manufacture of the jam strawberry predominates; while a label reading *Apple and Strawberry Jam*, means that a larger amount of apple pulp than of strawberry pulp, has been used. But in neither case is any information of a definite kind furnished. Thus, the first label may mean that 80 per cent of the fruit is strawberry; while the second case may mean that 80 per cent of the fruit is apple. We have indeed, seen jams labelled *Apple and Strawberry*, in which much doubt existed as to whether as much as 10 per cent of the fruit was strawberry. Many complaints have been made by reputable jam makers, to the effect that existing uncertainty as to what constitutes legal jam, and the willingness of unscrupulous manufacturers to put on the market such goods as the present standards permit, has done serious injury to the business. Certain inferences which may be drawn from the present report appear to justify the complaints referred to. Thus, of the total number of jams (227) herein reported, 106 are sold as compound, in the sense that apple constitutes a part and usually the predominant part of the fruit used in their manufacture. In the inspection of 1912 (Bulletin 244), out of 158 samples, only 3 were labelled compound and sold as such. In that of 1909 (Bulletin 194) of 146 samples, only 22 were sold as compound. It is open to question whether the public taste demands a mixed fruit jam to the extent these numbers indicate. Jam has usually been understood to be made essentially of one fruit, and has been sold under the specific name of such fruit. This report shows that jams consisting of a single fruit, and sugar and free from preservatives or colouring, form only 93 samples out of a collection of 227 samples. Of this number 38 are imported jams, only 55 being of domestic manufacture. Even this statement does not correctly indicate the facts, as

regards market samples, for ten (10) samples were supplied, not from the retail market, but by the manufacturer; so that as regards the retail market, this report shows that, out of 83 samples of strictly genuine jam, in the sense of being made with one fruit and sugar only, 38 are imported and only 45 are Canadian made.

This is not because Canada is unable to supply strawberries or raspberries, or other fruit suitable for jam manufacture; and can only be explained in the assumption that mixed jams, in which apple pulp plays a conspicuous part, have largely usurped the market. It is impossible to say whether or not this usurpation is due to the free choice of the consumer, who is incorrectly, or at least, indefinitely informed as to the character of the article offered.

The results of the present inspection may be summarized thus:—

Sold as Jam.—Found genuine, as consisting of one fruit and sugar only—

Imported	38	
Domestic manufacture and found on retail market	45	
" and furnished by manufacturer	10	
		93
Found genuine, as above but with added colour or preservative		22
Sold as Compound—		
Analysed	77	
Not analysed	29	
		106
Collected by error, being jelly or home-made and not on the open market		6
Total		227

I beg to recommend publication of this repost as Bulletin No. 309.

I have the honour to be, Sir,
Your obedient servant,

A. McGILL,
Chief Analyst.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion).
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF NOVA SCOTIA—								
1914.								
Oct. 20	Jam.....	47131	Cross & De Wolfe, Kentville, N.S.	3 jars.	45	Can. Canner's Hamilton. Ont.	Payzant & King, Halifax.	Strawberry & Apple.
" 20	"	47132	Cam Bros., Yarmouth, N.S.	3 " .	75	Chivers & Sons, Cambridge, Eng.	Puddington Wetmore, St. John, N. B.	Damson Plum
" 21	"	47133	Kirk Bros., Yarmouth, N.S.	3 " .	75	Furnivall, Near Hamilton, Ont.	Mfrs..... .	Black Currant.
" 21	"	47134	Wentworth Stores, Windsor, N.S.	3 " .	38	Can. Canners Ltd.	Unknown...	Raspberry & Apple.
" 21	Compound Jam.	47135	Canada Food Co., Windsor. N.S.	3 " .	30	" " ...	Can. Food Co., Halifax, N. S.	Peach.....
" 28	" ..	47136	Wentzell's Ltd., Halifax, N.S.	3 " .	30	" " ...	Mfrs..	Lyn Valley Brand.
" 28	" ..	47137	A. & W. Smith & Co., Halifax, N.S.	3 " .	25	" " ...	" ..	Gooseberry
" 29	Jam.....	47138	J. L. Wilson & Co., Halifax, N.S.	3 " .	44	Dom. Canner's Ltd., Hamilton, Ont.	" ..	Strawberry.
" 29	"	47139	R. B. Caldwell, Halifax, N. S.	3 " .	50	E. D. Smith, Winona, Ont.	" ..	Peach.. ....
Nov. 2	"	47140	C. McNab & Co., Dartmouth, N.S.	3 " .	30	The T. Elpton Co., Hamilton, Ont.	Unknown...	Apple and Raspberry
DISTRICT OF CAPE BRETON—								
Oct. 19	Strawberry Jam.	63804	F. & J. Morley, Sydney, C.B.	3 jars.	75	Millar & Co., Ltd. Belfast, Eng.	.....	.....
" 23	Plum, Apple Jam.	63805	J. F. Miles, Sydney, C. B.	3 " .	30	Can. Canners, Hamilton, Ont.	... .	.....
" 23	Blk. Currant Apple Jam	63806	" "	3 " .	30	" " ...	....	.....
" 23	Raspberry, Apple Jam	63807	" "	3 " .	30	" " ...	.....	... .
DISTRICT OF PRINCE EDWARD ISLAND—								
Oct. 14	Raspberry, Apple Jam	60113	Beer & Goff, Charlottetown, P.E.I.	3 pkg.	30	Can. Canners Ltd , Hamilton	.....	.....
" 14	" " ..	60116	Coffin & Co., Charlottetown, P. E. I.	3 " .	40	Can. Preserving Co., Ltd., Hamilton.	....	.....

JAMS AND COMPOUND JAMS.

Results of Analysis.												Remarks, and Opinion of the Chief Analyst.
Solids per cent.				Polarization (Normal Solution.)								
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.	Residual cane sugar.	Soluble matter other than cane sugar.	Preservative.	Dyes.	No. of Sample.	
R. J. WAUGH, INSPECTOR.												
p. c.	p. c.	p. c.	p. c.				p. c.	p. c.				
0·87	64·95	65·82	34·18	-1·7	-28·9	27·2	20·4	44·53	Benzoic acid	Present.	47131	Sold as compound.
2·82	63·27	66·09	33·91	+26·0	-22·0	48·0	36·0	27·22	None.	None.	47132	Genuine. Imported.
3·41	67·91	71·35	28·65	- 5·0	-20·9	15·9	11·9	55·96	"	"	47133	" Domestic.
1·90	58·10	60·00	40·00	+18·0	- 8·6	26·6	20·0	38·10	Benzoic acid	"	47134	Sold as compound.
1·45	62·92	64·37	35·63	+81·6	-61·5	20·1	15·1	47·82	"	"	47135	" " Contains glucose.
3·02	62·50	65·52	34·48	+81·2	+56·9	24·3	18·2	44·25	"	Present.	47136	" "
2·17	62·92	65·09	34·91	+73·1	+61·2	11·9	8·9	53·97	"	None.	47137	" "
3·13	61·25	64·38	35·62	+20·7	-21·4	42·1	31·6	29·63	None.	Present.	47138	Genuine, but coloured.
1·02	62·98	64·00	36·00	+15·7	-20·9	36·6	27·5	35·46	"	None.	47139	Genuine. Domestic.
1·91	64·77	66·68	33·32	+45·7	-23·2	68·95	51·8	13·00	"	"	47140	Sold as compound.
E. T. MACKEEN, INSPECTOR.												
1·46	64·40	68·86	31·14	+16·0	-20·3	36·3	27·3	41·59	None.	None.	63804	Genuine. Imported.
0·88	66·88	67·76	32·24	+ 5·4	-24·6	30·0	22·5	44·33	"	Present.	63805	Sold as compound.
1·78	64·10	65·88	34·12	+ 7·3	-23·2	30·5	22·9	41·18	Benzoic acid.	None.	63806	" "
1·03	66·24	67·27	32·73	+14·9	-24·0	38·9	29·2	37·03	None.	"	63807	" "
WM. A. WEEKS, INSPECTOR.												
2·25	69·10	71·35	28·65	+1·5	-27·4	28·9	21·6	47·51	Benzoic acid.	Present.	60113	Sold as compound.
0·64	71·70	72·34	27·66	-6·2	-19·7	13·5	10·1	61·62	"	"	60116	" "

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer.	Furnisher.	Inspector's Report. (Is not an expression of opinion).
DISTRICT OF PRINCE EDWARD ISLAND—								
1914.								
Oct. 14	Raspberry Jam	60118	Coffin & Co., Charlottetown, P.E.I.	3 pkg.	75	Chivers & Sons, Cambridge, Eng.	.....	.....
" 14	" " ..	60119	J. C. Crabbe, Charlottetown, P. E. I.	3 " .	75	Can. Preserving Co., Hamilton	.....	.....
" 14	Blk. Currant Jam.	60120	W. W. Walker, Charlottetown, P.E.I	3 " .	75	Wagstaffes Ltd., Hamilton.	.....	.....
" 17	Raspberry Jam.	60121	Stewart & Sons, Charlottetown, P.E.I	3 " .	72	Cross & Blackwell London, Eng.	.....	.....
" 17	Strawberry Jam.	60122	" "	3 " .	60	Cairns, Paisley, Scot.	.....	.....
" 17	Jam (Strawberry).	60123	F. J. Holman & Son, Ltd., Charlottetown, P.E.I.	3 " .	75	J. A. Charwood & Co., St. Geo. Wood, London, Eng.	.....	.....
" 19	" ..	60124	A. Peters, Charlottetown, P.E.I.	3 " .	75	The Canada Preserving Co., Hamilton.	.....	.....
" 19	Jam (Peach Compound)	60125	P. A. Smith, Charlottetown, P.E.I.	3 " .	36	Canada Canners, Ltd., Hamilton	.....	.....
DISTRICT OF NEW BRUNSWICK—								
Oct. 7	Jam (Apple and Strawberry).	59554	W. A. Simonds, St. John, N.B.	3 jars.	36	The T. Upton Co., Hamilton, Ont.	.....	.....
" 8	Jam (Raspberry).	59555	Walter Gilbert, St. John, N.B.	3 "	60	Betty's Saratoga Chips, Toronto.	.....	.....
" 23	Jam (Black Currant).	59558	Inches & Grimmer, St. Stephen, N.B.	3 "	1 05	E. D. Smith, Winona, Ont.	.....	.....
" 27	Jam (Comp. Peach).	59559	M. E. Doohan, Fredericton, N.B.	3 "	30	Canada Canners, Ltd., Hamilton, Ont.	.....	Lyn Valley.
" 27	Jam (Raspberry and Apple).	59560	H. C. Jewett, Fredericton, N.B.	3 "	30	" ..	.....	Red Seal Brand.
" 27	Jam (Comp. Strawberry).	59561	Parent, Bird & Co., Fredericton, N.B.	3 "	36	" ..	.....	Lyn Valley.
" 27	Jam (English Apricot).	59562	G. T. Whelpley Estate, Fredericton, N.B.	3 "	90	Crosse & Blackwell, London, Eng.	.....	.....
" 28	Jam (Strawberry).	59563	P. Bradley, Woodstock, N.B.	3 "	75	Holbrook & Co., London, Eng.	.....	English.....
" 28	Jam (Apple and Peach)	59564	Watson & True, Woodstock, N.B.	3 "	30	The T. Upton Co., Hamilton, Ont.	.....	S. B. & L. Brand.
" 28	Jam (Strawberry and Apple).	59565	Yerxa Grocery Co., Woodstock, N.B.	3 "	30	Linders Ltd., Toronto, Ont.	.....	Banner Brand.

JAMS AND COMPOUND JAMS.

Results of Analysis.													
Solids, per cent.				Polarization. (Normal solution.)									
Insoluble.	Soluble.	Total.	Water.	Direct.	Indirect.	Difference.	Residual cane sugar.	Soluble matter other than cane sugar.	Preservatives.	Dyes.	No. of Sample.	Remarks and Opinion of the Chief Analyst.	

Concluded.

p. c.	p. c.	p. c.	p. c.				p. c.	p. c.					
2·62	71·82	74·44	25·56	+ 6·7	−23·8	30·5	23·1	48·72	None.	None.	60118	Genuine.	Imported.
4·15	66·76	70·91	29·09	− 3·6	−21·1	17·5	13·0	53·76	"	Present.	60119	Genuine. With colour added.	
3·40	68·00	71·40	28·6	+ 3·7	−23·2	26·9	20·2	47·80	"	None.	60120	Genuine.	Domestic.
3·78	62·93	66·71	33·29	+ 3·3	−21·2	24·5	18·5	44·38	"	"	60121	"	Imported.
2·08	71·82	73·90	26·10	+ 9·1	−23·2	32·3	24·1	47·72	"	"	60122	"	"
3·57	66·20	69·77	30·23	+29·5	−21·2	50·7	37·8	28·40	"	"	60123	"	"
3·12	74·56	77·68	22·32	+17·3	−20·1	37·4	27·9	46·66	"	Present	60124	Genuine. With colour added.	
.....	.....	.....	.....	.....	....	.....	.....	.....	.....	.....	60125	Sold as compound.	

JOHN C. FERGUSON, INSPECTOR.

1·85	62·91	64·76	35·24	+31·4	−19·0	50·4	37·6	25·31	None.	None.	59554	Sold as compound.
4·66	59·26	63·92	36·08	+17·4	−18·3	35·7	26·6	32·61	"	"	59555	Genuine. Domestic.
4·79	59·62	64·41	35·59	+23·4	−20·3	43·7	32·8	31·59	"	"	59558	" "
1·79	61·75	63·45	36·55	+77·5	+61·2	16·3	12·2	49·50	Benzoic acid	"	69559	Sold as compound. Contains glucose.
1·19	65·71	66·90	33·10	+ 4·0	−26·0	30·0	22·5	43·16	"	Present	59560	Sold as compound.
1·92	64·77	66·69	33·31	+88·3	+62·3	26·0	19·5	45·22	"	"	59561	Sold as compound. Contains glucose.
1·02	63·27	64·29	35·71	+34·2	−21·2	55·4	41·3	21·92	None.	None.	59562	Genuine. Imported.
2·03	70·31	72·34	27·66	+30·1	−23·4	53·5	39·9	30·39	"	"	59563	" "
1·30	66·47	67·77	32·23	+30·3	−23·2	53·5	40·2	26·25	"	"	59564	Sold as compound.
0·46	67·70	68·16	31·84	+28·6	−21·7	50·3	38·8	28·90	"	Present	59565	" "

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer.	Furnisher.	Inspector's Report. (Is not an expression of opinion.)
DISTRICT OF QUEBEC CITY—								
1914								
Sept. 28	Jam (Pure)..	56289	P. Laberge, 465 Rue St. François, Quebec.	3 jars.	30	Canada Canners, Hamilton.	Whitehead & Turner.	....
" 28	" (Comp.)	56290	N. Côté, 79 Rue St. Ambroise, Quebec.	3 "	30	" ..	N. Turcotte.	.....
" 28	" (Pure)..	56291	J. B. Lapointe, 57 Rue St. Ambroise, Quebec.	3 "	30	The T. Upton Co., Hamilton.	Boivin & Grenier.	.....
" 28	" (Comp.)	56292	V. Beauprés, 59 Rue Carillon, Quebec.	3 "	30	St. Lawrence Co., Ltd.	Mfrs.	.....
" 28	" (Pure)..	56293	Jos. Vézina, 914 Rue St. Valier, Quebec.	3 "	75	Stewart, Ltd., St. Clair Valley.	Langlois & Paradis.	.....
" 28	" " ..	56294	J. Pepin, 132 Rue Marne, Quebec.	3 "	30	Canada Canners, Hamilton.	Turcotte & Frère.	.....
" 28	" (Comp.)	56295	J. A. Bedard, 728 Rue Marne, Quebec.	3 "	30	Simcoe Canning Co., Ontario.	Whitehead & Turner.	.....
" 28	" (Pure).	56296	Arthur Drolet, 714 Rue St. Valier, Quebec.	3 "	90	Holbrook & Co., London, Eng.	J. B. Renaud & Cie.	.....
" 28	" " ..	56297	" " ..	3 "	90	Wagstaffe, Hamilton.	Turcotte & Frère.	.....
" 28	" " ..	56298	" " ..	3 "	90	Holbrook & Co., London, Eng.	J. B. Renaud & Cie.	.....
DISTRICT OF QUEBEC PROVINCE—								
Sept 29	Confiture (Raspberry)	2559	Cleophas Beaudoin..	3 lbs.	75	The McCormick Mfg. Co., London, Ont.	.....	.....
" 30	" ..	2561	Adelard Larochelle, St. Magloire.	3 lbs.	55	L. Letourneau, 35 Smith St., Quebec.	.....	.....
" 30	Confiture (Prune).	2563	J. O. Fournier, St.	1 lb.	80	Aylmer Can. and Pres. Co., Hamilton.	.....	.....
" 30	Confiture (Fraise).	2564	Adelard Larochelle, St. Magloire.	3 lbs.	60	L. Letourneau, 35 Smith St., Quebec.	.....	.....
Oct. 7	" ..	2565	Louis Corriveau, St. Michel.	3 verr.	75	Aylmer Can. Co., Hamilton.	Turcotte Frere.	...
" 7	Jelly Pommes.	2567	" " ..	3 pots.	75	Hamilton, Canada.	.....	.....
" 9	Confiture Fraise.	2569	Nazaire Morency, St. Charles.	3 " ..	60	Aylmer Can. Co., Ltd., Hamilton.	.. ...	
" 9	Confiture Raspberry.	2570	" " ..	3 " ..	60	" " ..	.....	.....

JAMS AND COMPOUND JAMS.

Results of Analysis.												
Solids per cent.				Polarization (Normal Solution).								
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.	Residual Cane Sugar.	Soluble Matter other than Cane Sugar.	Preservatives.	Dyes.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
L. N. W. E. BÉLAND, INSPECTOR.												
p. c.	p. c.	p. c.	p. c.				p. c.	p. c.				
1·00	70·08	71·17	28·83	− 1·7	−26·7	25·0	18·6	51·48	None.	Present	56289	Sold as compound.
	.....	.....	....	.....	....	...	.....	....	.....	....	56290	" "
1·50	53·62	67·15	32·85	+21·7	− 7·1	28·8	21·5	32·13	None.	None.	56291	" "
		.....	....	.....	...	...	.....	....	....	.....	56292	" "
3·37	65·75	69·12	30·88	−34·6	−21·5	56·1	41·8	23·90	None.	None	56293	Genuine. Domestic.
2·99	65·65	68·64	31·36	+47·1	+29·8	17·3	12·9	42·75	Benzoic acid	Present	56294	Sold as compound. Glucose jam.
..	.....	.....	... ..	.....	.....	.....	.....	...	.. .	.....	56295	Sold as compound.
1·0	61·70	67·10	32·90	− 3·1	−20·0	16·9	12·7	49·00	None.	None.	56296	Genuine. Imported.
2·80	64·00	66·80	33·20	+26·9	−21·4	48·3	36·3	27·70	"	"	56297	" Domestic.
7·00	59·30	66·90	33·10	− 1·3	−19·2	17·9	13·5	45·80	"	Present	56298	" with added colour.
O. BROCHU, TEMPORARY INSPECTOR.												
[illegible]	65·56	70·71	29·29	+29·1	+13·3	15·8	11·8	53·76	None.	Present.	2559	Sold as compound. Contains glucose.
[illegible]	64·00	70·34	29·66	+54·8	+11·1	43·7	32·6	31·40	"	"	2561	Contains glucose. Sold as compound.
[illegible]	58·60	65·50	34·50	− 7·6	−15·1	7·5	5·6	53·00	"	None.	2563	Genuine. Domestic.
[illegible]	67·97	69·84	30·16	+18·7	−22·9	41·6	31·0	36·92	"	Present.	2564	" with added colour.
[illegible]	59·61	63·48	36·52	+18·4	−20·3	38·7	28·8	30·81	"	None.	2565	Genuine. Domestic.
[illegible]	59·20	59·30	40·70	−15·6	−21·4	5·8	4·4	54·80	"	"	2567	" Is apple jelly.
[illegible]	56·85	59·40	40·60	+49·4	+32·7	16·7	12·4	44·45	Benzoic acid.	Present.	2569	Contains glucose, preservative and colour. Sold as compound.
[illegible]	62·22	67·98	32·02	− 9·3	−20·3	29·6	22·1	40·12	None.	None.	2570	Genuine. Domestic.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacture or Furnisher as given by the Vendor. Manufacturer.	Furnisher	Inspector's Report. (Is not an expression of opinion).
DISTRICT OF QUEBEC PROVINCE—								
1914.								
Sept. 23	Strawberry..	2388	A. Lavigne, St. Scholastique.	3 bots.	60	Oshawa Can. Co., Oshawa, Ont.	.....	.....
" 23	Golden Plum Jam.	2390	Wm. Sauve, St. Scholastique.	3 verr.	75	Chivers & Sons, Ltd.	.....	.....
Oct. 1	Fruit Jam..	2392	B. Millar, St. Jerome.	3 " ..	36	The T. Upton Co., Ltd.	.....	.....
" 1	Strawberry..	2393	J. N Desjardine, St. Jerome.	3 " ..	60	Hudon, Hebert & Cie, Montreal.	.....	.....
" 1	Pure Peach.	2394	Mde W. Desjardine, St. Jerome.	3 " ..	66	Wagstaffe Ltd...	.....	.....
" 1	Raspberry Jam.	2395	Léandre Paquin, St. Jerome.	3 " ..	75	Hudon, Hebert & Cie, Montreal.	.....	.....
DISTRICT OF QUEBEC PROVINCE—								
Oct. 23	Confiture Framboise and Pommes.	2720	R. L'Esperance, Montmagny.	3 verr.	45	Lindners Ltd...	.....	.....
DISTRICT OF THREE RIVERS								
Sept. 19	Confiture Co.	2642	Simeon, Hetn	3 bots.	30	Can. Canners, Ltd., Hamilton, Ont.	Hudon Hebert, Montreal.	.....
" 19	Confiture...	2652	T. B. Rivest, St Sulpice.	3 "	75	John Gray & Co. Glascow.	Chaput fils, Montreal.	.....
" 18	Confiture Co.	2653	Uric Taillon, St. Roche.	3 "	30	Can. Canners Co. Ltd., Hamilton.	Chevalier Pouliot, Joliette.	.....
" 25	Confiture...	2654	W. Gendreau, St. Roch.	3 glasses.	75	Crosse & Blackwell, London, Eng.	"	.....
" 18	" ...	2655	A. Amirault, L'Epiphanie.	3 "	75	Chivers Sons Ltd., Cambridge, Eng.	.....	.....
" 17	" ...	2656	C. Barrette, Joliette.	3 "	75	L. Noel & Sons, Ltd., London, Eng.	.....	.....
" 17	" ...	2657	J. A. Boisvert, "	3 bots.	75	E. D. Smith, Winona, Ont.	.....	.....
" 25	Confiture Co.	2658	Frs. Forest, St. Jacques.	3 "	75	Upton Co., Hamilton, Ont.	.....	.....
" 25	" ...	2659	" "	3 glasses.	50	Linners Ltd., Toronto.	.....	.....

JAMS AND COMPOUND JAMS.

Results of Analysis.													
Solids per cent.				Polarization (Normal Solution).									Remarks and Opinion of the Chief Analyst.
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.	Residual cane sugar.	Soluble matter other than cane sugar.	Preservatives.	Dyes.	No. of Sample.		
N. CADIEUX, TEMPORARY INSPECTOR.													
p. c.		p. c.	p. c.				p. c.	p. c.					
1·72	28·10	32·82	67·18	- 4·7	- 5·4	0·7	0·5	27·6	None.	None.	2388	Canned fruit. Is not a jam.	
6·20	68·00	74·20	25·80	- 9·3	-20·9	11·6	8·7	59·30	"	"	2390	Genuine. Imported.	
0·43	72·32	72·75	27·25	+25·8	-25·1	50·9	38·0	34·30	"	"	2392	Sold as compound.	
2·35	70·60	72·95	27·05	+18·5	-20·6	39·1	29·2	41·40	"	Present.	2393	Genuine, with added colour.	
0·70	66·70	67·40	32·60	+10·0	-21·4	31·4	23·6	43·10	Salicyclic acid.	None.	2394	Genuine, with preservative.	
1·47	63·05	69·52	30·48	+ 8·3	-20·6	28·9	21·9	41·15	None.	"	2395	Genuine. Domestic.	
T. GENDREAU, TEMPORARY INSPECTOR.													
											2·20	Sold as compound.	
DR. V. P. LAVALLEE, INSPECTOR.													
											2642	Sold as compound.	
1·[illegible]	60·52	65·47	34·53	- 3·6	-16·1	12·5	9·3	51·22	None	None.	2652	Genuine. Imported.	
											2653	Sold as compound.	
[illegible]	64·40	66·20	33·80	+11·7	-20·3	32·0	24·00	40·40	None.	None.	2654	Genuine. Imported.	
[illegible]	66·20	76·20	23·80	+21·3	-20·0	41·3	31·0	35·20	"	"	2655	" "	
[illegible]	66·80	70·43	29·57	+32·3	-20·4	52·7	39·3	27·50	"	"	2656	" "	
1·[illegible]	64·30	65·70	34·30	+12·0	-20·0	32·0	24·1	40·20	"	"	2657	" Domestic.	
											2658	Sold as compound.	
											2659	" "	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer.	Furnisher.	Inspector's Report. (Is not an expression of opinion.)
DISTRICT OF THREE RIVERS—								
1914.								
Sept. 25	Confiture...	2661	J. E. Boulard, St. Jacques.	3 bots.	35	J. E. Boulard, St. Jacques.	.....	.....
" 18	Confiture Co.	2662	A. Amirault, L'Epiphanie.	3 "	30	Can. Canners Co. Hamilton.	Chaput fils, Montreal.	.....
" 18	" ...	2664	Vian, L'Epiphanie..	3 tins.	75	Wentworth Pres. Co., Hamilton.	.....	.....
" 28	Confiture...	2665	Leon Bruno, St. Felix Valois.	3 glasses.	75	Dom. Canners Co., Hamilton.	.....	.....
" 30	" ...	2666	A. Caisse, Berthierville.	3 "	75	L. Noel & Sons, Ltd., London, Eng.	.....	.....
Oct. 2	" ...	2667	Chevalier Magnan, Joliette.	3 "	55	Aylmer Can Co Ltd., Aylmer, Ont.	.....	.....
" 2	Confiture Co.	2668	" "	3 "	75	Wentworth Pres. Co., Hamilton.	.....	.....
" 2	" ...	2669	F. Guimont Cie, Joliette.	3 lbs.	45	Vendor	.....	.....
" 5	" ...	2671	Joseph Forest, St. Gabriel, Brandon.	3 glasses.	30	Can. Canners Co. Hamilton, Ont.	.....	.....
" 5	" ...	2672	Paul Clermont, St. Gabriel, Brandon.	3 "	30	Uptons Co., Hamilton, Ont.	.....	.....
" 6	Confiture...	2673	J. O. Malo, Joliette.	3 "	75	Aylmer Canning Co., Hamilton	.....	.....
DISTRICT OF EASTERN TOWNSHIPS—								
Oct. 20	Prunes and Pommes.	1670	P. J. Girard Richmond.	3 jars.	30	Wentworth Preserving Co., Hamilton.	.....	.....
" 20	Fraises.	1671	D. W. Stinson, Sherbrooke.	3 "	75	L. Noel & Sons, Ltd., London, Eng.	.....	.....
" 20	Peaches and Pommes.	1672	Girard & Touquet, Sherbrooke.	3 "	30	Linders, Ltd., Toronto.	.....	.....
" 20	Red Currant and Raspberry.	1673	Bray Bros, Sherbrooke.	3 "	60	E. D. Smith, Winona, Ont	.....	.....
" 21	Strawberry and Apples	1674	H. Chamberlain, Magog.	3 tins.	75	The McCormick Mfg. Co, London, Ont.	.....	.....
" 21	Strawberry Compound	1675	N. Hamel, Magog...	3 "	30	Can. Canners, Ltd., Hamilton, Ont.	.....	.....
" 22	Apricot	1676	Beaudry & Beauchemin, Granby.	3 "	60	John Gray & Co., Ltd., Glasgow.	.....	.....

JAMS AND COMPOUND JAMS.

Results of Analysis.													
Solids per cent.				Polarization (Normal Solution.)									
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.	Residual cane sugar.	Soluble matter other than cane sugar.	Preservatives.	Dyes.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
Continued.												
p.c.	p.c.	p.c.	p.c.				p.c.	p.c.				
7·60	57·80	65·40	34·60	+19·3	−15·7	35·0	26·3	31·50	None.	None.	2661	Genuine. Home made.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2662	Sold as compound.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2664	" "
2·23	66·10	68·33	31·67	+11·7	−22·0	33·7	25·1	40·95	None.	None.	2665	Genuine. Domestic.
4·23	66·22	70·45	29·55	+15·9	−22·3	38·2	28·5	37·72	" .	" .	2666	" Imported.
2·31	63·05	65·36	34·64	+18·3	−20·6	38·9	29·0	34·02	" .	" .	2667	" Domestic.
0·52	65·11	65·63	34·37	−1·0	−23·2	22·2	16·6	48·51	" .	Present.	2668	Sold as compound.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2669	" "
2·70	73·44	76·23	23·77	+63·6	+35·3	28·3	21·2	52·25	None.	None.	2671	" " Contains glucose.
1·01	68·44	69·45	30·55	+19·9	−21·3	41·2	30·7	37·74	" .	" .	2672	Sold as compound.
3·60	66·20	69·80	30·20	+1·4	−17·0	18·4	13·7	52·50	" .	" .	2673	Genuine. Domestic.

J. C. ROULEAU, INSPECTOR.

3·02	61·80	64·82	35·18	− 6·7	−19·9	13·2	9·8	51·95	None.	Pink.	1670	Sold as compound.
4·70	62·50	67·20	32·80	+29·6	−20·0	49·6	37·3	25·20	"	None.	1671	Genuine. Imported
0·28	70·30	70·58	29·42	+19·1	−22·2	41·3	30·8	39·54	Benzoic acid.	"	1672	Sold as compound.
4·00	59·70	63·70	36·30	− 2·3	−14·3	16·6	12·5	47·20	None.	"	1673	" "
2·38	64·56	66·94	33·06	+50·1	−24·2	25·9	19·3	45·26	"	Present.	1674	" "
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1675	" "
1·90	66·50	68·40	31·60	−17·6	−19·8	37·4	28·2	38·30	None.	None.	1676	Genuine. Imported.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the vendor. Manufacturer.	Name and Address of Manufacturer or Furnisher as given by the vendor. Furnisher.	Inspector's Report. (Is not an expression of opinion.)
DISTRICT OF MONTREAL—								
1914								
Oct. 15	Jam	62501	E. Leroyer 1651 Notre Dame St., East, Montreal.	3 jars.	30	Alphonse Raymond, Montreal.	.....	Raspberry..
" 15	"	62502	J. H. Caille, 1380 St. Catherine St., E., Montreal.	3 "	60	St. Louis Preserving Co., Montreal.	.....	Strawberry..
" 20	"	62503	G. Guibord, 385 Grand Trunk St., Montreal.	3 "	36	Vendor	.....	Plum...
" 20	"	62504	J. A. Doré, 1286 Notre Dame St., W., Montreal.	3 "	45	"	.....	Blackberry.
" 20	"	62505	J. E. Montpetit, 64 St. Augustin St., Montreal.	3 "	30	Lindners, Ltd., Toronto.	.....	Strawberry..
" 21	"	62506	A. Blais, 92 Desery St., Montreal.	3 "	30	St. Louis Preserving Co., Montreal.	.....	Apple and Strawberry
" 21	"	62507	W. Demontigny, 152 Desery St., Montreal.	3 "	75	Lebrecque & Pellerin, Montreal.	.....	Strawberry..
" 21	"	62508	A. Laurendeau, 159 St. Paul St., Montreal.	3 "	30	L. Semeteys, Montreal.	.....	Raspberry Compound.
" 21	"	62509	J. D. Boileau, Bonsecours & St. Louis Sts., Montreal.	3 "	75	.....	Hudon & Hebert & Co., Montreal.	Strawberry..
" 21	"	62510	E. Lawne, 197 Vitre St., Montreal.	3 "	30	Can. Canners, Ltd., Hamilton.	.....	Strawberry and Apple.
DISTRICT OF OTTAWA—								
Sept. 12	Jam	63452	Dempsey & Co., Renfrew.	3 jars.	30	Can. Canners, Ltd., Hamilton.	Mfrs.	Strawberry and Apple.
" 19	"	63453	J. H. Edwards, Carleton Place.	3 "	75	Glassco's Ltd, Hamilton.	"	Raspberry..
" 19	"	63454	J. B. Gardine & Sons, Carleton Place.	3 "	30	Linders Ltd., Toronto.	"	Banner Brand, Raspberry and Apple.
" 19	"	63455	Baird & Riddell, Carleton Place.	3 "	35	Can. Preserving Co., Hamilton.	"	Lily Brand, Gooseberry and Apple.
" 23	"	63456	W. West, Almonte..	3 "	30	The T. Upton Co., Ltd., Hamilton	"	Raspberry and apple.

JAMS AND COMPOUND JAMS.

Results of Analysis.													
Solids per cent.				Polarization (Normal Solution).			Residual Cane Sugar.	Soluble Matter other than Cane Sugar.	Preservatives.	Dyes.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.						
D. J. KEARNEY, INSPECTOR.												
p. c.	p. c.	p. c.	p. c.				p. c.	p. c.				
[illegible]	62·80	70·40	29·60	+98·6	+95·0	3·6	2·7	67·09	Salicyclic acid.	Present.	62501	Contains glucose, preservative and colour. Sold as compound.
[illegible]	67·39	70·95	29·05	+18·6	−18·3	36·9	27·7	43·20	"	None.	62502	Genuine with preservative.
7·02	60·90	67·92	32·08	−14·3	−18·3	4·0	3·0	57·92	None.	"	62503	Genuine. Home made.
12·70	47·66	60·36	39·64	+ 9·2	−15·5	24·7	18·4	29·21	"	"	62504	" "
6·23	67·26	67·49	32·51	+20·9	−22·6	43·5	32·7	34·58	"	Present.	62505	Sold as compound.
1·10	62·40	63·50	36·50	+74·1	+66·9	7·2	5·4	57·00	Salicyclic acid.	"	62506	Sold as compound. Contains glucose.
2·[illegible]	65·50	67·50	32·50	+37·5	−15·5	53·0	39·5	25·95	None.	None.	62507	Genuine. Home made.
1·0[illegible]	63·17	64·22	35·78	−77·2	+54·9	22·3	16·7	46·42	"	Present.	62508	Sold as compound. Contains glucose.
2·[illegible]	65·75	67·35	32·65	+19·0	−22·3	41·3	30·8	34·90	"	"	62509	Genuine, with colour.
[illegible]·01	64·62	65·64	34·36	+ 4·1	−25·7	29·8	22·4	42·19	Benzoic acid.	None.	62510	Sold as compound.
J. S. RICKEY, INSPECTOR.												
[illegible]	68·97	70·00	30·00	+ 5·2	−26·7	31·9	23·8	46·17	Benzoic acid.	Present.	63452	Sold as compound.
[illegible]	61·51	63·49	36·51	+26·2	−22·3	48·5	36·7	24·81	None	None.	63453	Genuine. Domestic.
...	...	...	...	...	...	...	...	...	...	...	63454	Sold as compound.
...	...	...	...	...	...	...	...	...	...	...	63455	" "
...	...	...	...	...	...	...	...	...	...	...	63456	" "

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents	Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer.	Furnisher.	Inspector's Report. (Is not an expression of opinion).
DISTRICT OF OTTAWA—								
1914. Sept. 24	Jam.....	63457	A. P. Johnson, Bronson ave., Ottawa..	3 jars	75	Furnivall New, Ltd., Hamilton	Mfr.	Black currant; guaranteed to contain no glucose.
" 24	"	63458	" "	3 "	30	Can. Preserving Co., Ltd., Hamilton.	"	Compound Raspberry, Lily brand.
" 24	"	63459	National Railway Association, Somerset st., Ottawa.	3 "	75	John Gray & Co., Ltd., Glasgow, Scotland.	"	Raspberry ..
" 24	"	63460	Major & Hurteau, Somerset street, Ottawa.	3 "	60	Dom. Canners, Ltd., Hamilton	"	Raspberry ..
" 24	"	63461	F. A. Scott & Sons, Wellington street, Ottawa.	3 "	30	The T. A. Lytle Co., Ltd., Toronto.	"	Compound Strawberry
" 29	"	63473	A. E. Kelly, Florence street, Ottawa.	3 "	75	E. D. Smith, Winona, Ont.	The F. J. Castle Co., Ottawa.	Strawberry..
" 29	" .	63474	" "	3 "	60	Miller & Co., Ltd., Belfast, Ireland.	" ..	Raspberry..
DISTRICT OF VALLEYFIELD—								
Sept. 21	Jam.....	62770	George Bougie, Alexandria, Ont.	3 jars	30	Lindners, Ltd., Toronto.	... .	Strawberry and apple
" 21	"	62771	Alex. Davis, Alexandria, Ont.	3 "	30	Can. Canners, Ltd.	... .	Black currant and apple.
" 21	"	62772	J. A. Lalonde, Alexandria, Ont.	3 "	30	" "	....	Raspberry and apple.
" 29	"	62773	L. Bougie, Valleyfield.	3 "	30	" "	.....	Raspberry compound.
" 29	"	62774	R. Biron, Valleyfield	3 "	30	Lindners, Ltd...	....	Strawberry and apple.
Oct. 2	"	62775	L. Moreau, St. Johns, P.Q.	3 "	45	The Upton Co., Ltd.	.....	Apple and strawberry.
" 6	"	62776	H. Monquet, Masson, P.Q.	3 "	30	....	....	Black currant compound, Premium brand
" 13	"	62777	E. D. Bienvenue, Farnham, P.Q.	3 "	75	E. D. Smith, Winona, Ont.	.....	Strawberry..
" 13	....	62778	J. Dagenais & Cie, Farnham, P.Q.	3 "	75	....	... .	Raspberry, Gazelle brand.
" 13	" .. .	62779	National Railway Association, Ltd., Farnham, P.Q.	3 "	75	Glassco, Ltd., Hamilton.	....	Strawberry..

JAMS AND COMPOUND JAMS.

Results of Analysis.													
Solids, per cent.				Polarization. (Normal Solution).									
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.	Residual cane sugar.	Soluble matter other than cane sugar.	Preservatives.	Dyes.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
Concluded.												
p. c.	p. c.	p. c.	p. c.				p. c.	p. c.				
6·10	66·00	72·10	27·90	−11·7	−21·6	9·9	7·5	59·50	None.	None.	63457	Genuine. Domestic.
2·04	67·33	69·37	30·63	+57·4	+24·9	32·5	24·2	43·16	"	Present.	63458	Sold as compound. Contains glucose.
1·09	67·74	71·83	28·17	− 3·6	−22·0	18·4	13·9	63·82	"	None.	63459	Genuine. Imported.
7·25	62·81	68·06	31·94	+ 2·8	−20·0	22·8	17·0	45·79	"	"	63460	" Domestic.
0·67	68·96	69·63	30·37	+44·5	+20·3	24·2	18·0	50·96	"	Present.	63461	Sold as compound. Contains glucose.
3·93	54·17	58·10	41·90	−15·6	−20·8	5·2	4·0	50·17	"	None.	63473	Genuine. Domestic.
3·55	64·45	68·00	32·00	− 4·3	−20·5	24·6	18·4	46·07	"	"	63474	" Imported.
J. L. COSTIGAN, ACTING INSPECTOR.												
1·34	72·87	74·21	25·79	+10·0	−26·7	36·7	27·4	45·47	None.	Present.	62770	Sold as compound.
3·02	65·10	68·12	31·88	+53·4	+33·5	14·9	11·1	53·98	"	None.	62771	" " Contains glucose.
1·45	66·85	68·30	31·70	− 1·4	−27·5	26·1	21·6	45·25	Benzoic acid.	Present.	62272	Sold as compound.
		....	....	.....	....	...	....	..	....	....	62773	" "
1·30	64·55	65·85	34·15	−19·0	−25·3	44·3	33·0	31·55	None.	"	62774	" "
1·77	67·85	69·62	30·38	+31·5	−22·4	53·9	40·2	27·65	"	None.	62775	" "
	....	.....	....	.....	.....	...	.....	.....	.....	.....	62776	" "
·07	66·93	70·00	30·00	+25·7	−22·0	47·7	35·6	31·33	None.	None.	62777	Genuine. Domestic.
·70	62·93	69·63	30·37	+ 6·3	−20·3	26·6	20·1	42·80	"	"	62778	" "
3·80	65·67	69·47	30·53	+15·4	−19·6	35·0	26·1	39·57	Salicylic acid.	"	62779	" with preservative.

Date of Collection	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer.	Furnisher.	Inspector's Report. (Is not an expression of opinion.)
DISTRICT OF KINGSTON—								
1914.								
Oct. 28	Currant and Apple Jam.	61545	J. R. B. Gage, Kingston.	3 pkgs	30	Oakville Preserving Co., Oakville.	.....	.....
" 28	Red Raspberry Jam.	61546	J. Timmons, Kingston.	3 "	30	Glasco., Ltd., Hamilton.	.....	.....
" 29	Apple and Strawberry Jam.	61547	Geo. Gibson, Kingston.	3 "	30	T. Upton Co., Hamilton.	.....	.....
" 29	Strawberry Jam.	61548	J. Gilbert, Kingston.	3 "	75	T. Upton Co., Hamilton.	.....	.....
" 29	Raspberry and Apple Jam.	61549	C. R. McLeod, Kingston.	3 "	30	Lindners, Ltd., Toronto.	.....	.....
" 29	Apple and Strawberry Jam.	61550	H. M. Stover, Kingston.	3 "	30	T. Upton Co., Hamilton.	.....	.....
"	Raspberry & Apple Jam	61551	W. J. Arniel, Kingston.	3 "	30	Lindners, Ltd., Toronto.	.....	.....
"	Strawberry and Apple Jam.	61552	W. J. Lee, Kingston	3 "	30	"	.....	...
Nov. 3	Strawberry Jam.	61553	H. W. Kelley, Napanee.	3 "	75	Wagstaffe	.....	.....
" 3	Raspberry Jam.	61554	John Paisley, Napanee.	3 "	75	"	.....	.....
DISTRICT OF TORONTO—								
Sept. 22	Plum and Apple Jam.	63101	Linders, Ltd., 340 Dufferin st., Toronto.	3 tum.	30	Vendors.....	.....	Banner Brand
" 24	Strawberry and Apple Jam.	63102	Riesberry Grocery, 292 Dupont st., Toronto.	3 "	30	Can. Canners, Ltd., Hamilton	.....	Red Seal
" 25	"	63103	H. E. Vince, 369 Brock ave., Toronto.	3 "	30	Wentworth Preserving Co., Hamilton.	.....	Orchard Brand.
" 28	"	63104	J. A. Fraser, 320 Rayer st., Toronto.	3 "	36	Oakville Pres. Co., Oakville.	.....	Royal Brand
" 28	Black Currant Jam with Apple Jelly.	63105	R. A. Dutton, 275 Roncesville ave., Toronto.	3 "	38	Mrs. L. E. Scott, Toronto.	.....	Home made Blk. Curr Jam with Jelly.
" 28	Raspberry Jam.	63106	Duncan & Brown, 165 Danforth ave., Toronto.	3 jars.	60	E. D. Smith, Winona.	.....	.....
" 29	Raspberry and Apple Jam.	63107	J. H. Perkins, 656 Pape ave., Toronto.	3 tum.	30	Can. Canners, Ltd., Hamilton	.....	Red Seal

JAMS AND COMPOUND JAMS.

Results of Analysis.

Solids per cent.				Polarization (Normal Solution.)									Remarks and Opinion of the Chief Analyst.
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.	Residual cane sugar.	Soluble matter other than cane sugar.	Preservatives.	Dyes.	No. of Sample.		
JAS. HOGAN, INSPECTOR.													
p. c.		p. c.	p. c.				p. c.	p. c.					
0·70	65·54	66·24	33·76	+27·6	−22·0	49·6	37·2	28·29	Benzoic acid.	Present.	61545	Sold as compound.
0·03	61·27	61·30	35·70		−20·3	38·2	28·5	32·77	None.	None.	61546	Genuine. Domestic.
0·47	65·27	65·74	34·26	+17·0	−24·6	42·2	31·7	33·57	"	"	61547	Sold as compound.
0·35	63·27	66·60	33·40	+12·0	−20·9	32·9	24·6	38·70	"	"	61548	Genuine. Domestic.
1·40	66·86	68·26	31·74	+20·0	−20·3	40·3	30·3	36·56	"	Present.	61549	Sold as compound.
0·50	65·16	65·66	34·34	+18·9	−22·3	41·2	30·9	34·21	"	None.	61550	"
1·50	69·55	70·65	29·35	+10·0	−25·7	35·7	26·8	42·54	"	Present.	61551	"
0·24	65·92	66·16	33·84	+24·0	−20·3	44·3	33·3	32·62	"	"	61552	"
5·64	63·84	67·48	32·52	+4·7	−21·7	26·4	19·8	44·01	"	None.	61553	"
4·23	65·40	69·63	30·37	+2·3	−21·4	23·7	17·8	47·60	"	Present.	61554	"
H. J. DAGER, INSPECTOR.													
0·26	73·42	73·68	26·32	+32·9	−9·5	42·4	31·6	41·78	None.	Present.	63101	Sold as compound.
0·95	70·07	71·02	28·98	−2·8	−28·1	30·9	23·0	47·07	Benzoic acid.	"	63102	"
0·01	66·20	67·21	32·79	5·4	−20·1	14·7	11·0	55·26	Salicyclic acid.	"	63103	"
1·00	67·32	68·32	31·68	−24·3	−22·5	46·8	34·9	32·42	Benzoic acid.	"	63104	"
2·79	71·15	73·94	26·06	−13·0	−17·3	4·3	3·2	67·94	None.	"	63105	"
0·07	66·76	70·73	29·27	+14·0	−20·3	34·3	25·6	41·16	"	None.	63106	Genuine. Domestic.
0·95	72·05	73·00	27·00	+25·4	24·8	50·2	37·5	34·55	Salicyclic acid.	Present.	63107	Sold as compound.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher, as given by the Vendor. Manufacturer.	Furnisher.	Inspector's Report. (Is not an expression of opinion).
DISTRICT OF TORONTO—								
1914.								
Oct. 7	Red Raspberry Jam.	63108	C.H. Milton, Orillia.	3 jars.	75	Glassco Ltd., Oakville.	.....	Glassco's Pure Scotch Jam.
" 8	Strawberry Jam.	63110	A. Rayner, Barrie..	3 "	60	The Upton Co., Ltd., Hamilton	.....	.....
Sept. 22	Strawberry Jam Compound.	63111	Wm. Beasley Co., 48 Britain st., Toronto.	3 cans	45	Vendors.....	.....	Contains corn syrup aniline colour and Benzoate of Soda.
" 22	Apple and Strawberry Jam.	63112	The T. A. Lytle Co., 106 Sterling rd., Toronto.	3 jars.	25	"	.....	.....
" 28	Blk. Currant Jam Compound.	63113	R. M. Caufield, 402 Roncesville ave., Toronto.	3 "	30	T. Upton	.....	.....
" 29	Raspberry Jam Compound.	63114	F. B. Altling, 1020 Gerrard st. E.	3 "	30	" Hamilton.	.....	.....
Oct. 1	Strawberry Jam Compound.	63115	C. S. McCauley, Newmarket, Ont.	3 "	30	Can. Preserving Co., Ltd., Hamilton.	.....	Graham's Lily Brand
" 5	Raspberry Jam Comp.	631.	J. A. Rice, Manager National Grocery Stores, 1628 Queen st. E., Toronto.	3 tins.	45	Wm. Beasley Co., Toronto.	.....	Contains corn syrup, Aniline colour and Benzoate of soda.
" 5	"	63118	Stewart Bros., 1925 Queen street E., Toronto.	3 jars.	30	The T. Upton Co. Ltd., Hamilton	.....	.....
" 7	Red Currant Jam Comp.	63119	T. B. Cramp, Orillia, Ont.	3 "	30	Can. Preserving Co. Ltd., Hamilton.	.....	Graham's Lily Brand
" 8	Raspberry Jam Comp.	63120	James Cheeseman, Barrie, Ont.	3 "	30	The Can. Canners Ltd., Hamilton	.....	Red Seal ...
DISTRICT OF HAMILTON—								
Oct. 19	Strawberry Jam.	63148	Benson Brothers, 25 Windham street, Guelph.	3 jars.	75	Miller & Co., Belfast, Ire.	.....	.....
" 19	Gooseberry and Apple Jam.	63149	Hood & Benallock, 50 Market Square.	3 tum.	30	The Can. Canners Ltd., Hamilton	.....	Red Seal ...
" 20	Raspberry Jam.	63150	G. R. Millard, 103 Colborne st., Brantford.	3 jars.	54	E. D. Smith, Winona.	.....	.....

JAMS AND COMPOUND JAMS.

Results of Analysis.

Solids per cent.				Polarization (Normal Solution)			Residual cane sugar.	Soluble matter other than cane sugar.	Preservatives.	Dyes.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.						
Concluded.												
p.c.	p.c.	p.c.	p.c.				p.c.	p.c.				
3·02	61·45	64·47	35·53	+26·4	-22·3	48·7	36·9	24·55	None.	Present.	63108	Genuine, with colour.
3·93	49·83	53·76	46·24	- 2·9	- 17·9	15·0	11·1	38·73	Salicyclic acid.	None.	63110	Genuine, with preservative.
..	....	.....	....	.....	.. ..	....	.....	.....	..	.....	63111	Sold as compound.
1·47	71·76	73·23	26·77	+52·0	-27·2	24·8	18·5	53·26	None.	Present.	63112	" Contains glucose.
	....	. . .	...	.....	....	....	. ....	.....	....	.....	63113	Sold as compound.
1·57	67·30	68·87	31·13	+52·4	+38·6	13·8	10·3	56·99	None.	None.	63114	" Contains glucose.
	..	.....		....	.....	....	.....	.....	.....	...	63115	Sold as compound.
	..	. . ..	.....	....	.....	.. .	. .	.....	...	.....	63117	" "
	.. .	.....	...	..	....	.....	.....	.....	....		63118	" "
	..	....	...	.....	. ...	. ..	.....	....	...	....	63119	" "
	. ....	.....	....	...	...	....	.....	.....	.. ..	..	63120	" "

H. J. DAGER, ACTING INSPECTOR.

1·21	67·45	69·66	30·34	-18·2	-20·3	38·5	28·9	40·71	None.	None.	63148	Genuine. Imported.
1·88	61·88	63·76	36·24	- 4·6	-27·7	23·1	17·4	44·52	Benzoic acid.	"	63149	Sold as compound.
4·82	66·43	71·25	28·75	0·3	-23·2	22·9	17·2	54·03	None.	"	63150	" "

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher, as given by the Vendor. Manufacturer.	Furnisher.	Inspector's Report (Is not an expression of opinion).
DISTRICT OF HAMILTON—								
1914.								
Oct. 19	Raspberry Jam Comp.	63158	Co-operative Association, 39 Quebec st., Guelph.	3 tum.	30	Premium Preserving Co., Hamilton.	.....	Premium Brand.
" 19	Plum Jam Jam Comp.	63159	J. M. Dooley, 12 Wilson st., Guelph.	3 jars.	30	National Canners Ltd., Hamilton	.....	N. C. Brand
" 20	Raspberry Jam Comp.	63160	Geo. Foster & Sons Ltd., Colborne st., Brantford.	3 tum.	25	The Can. Canners Ltd., Hamilton	.....	Red Seal ...
" 23	Strawberry Jam with Gooseberry Jelly.	63151	Wilson & Swayzier, Main st., Welland.	3 pots	15	Clark, Nicholls & Coombs, London, Eng.	.....	.....
" 26	Raspberry Jam.	63152	H. J. Wells, 54 King st., St. Catherines.	3 tum.	45	Stuart Limited, Sarnia.	.....	.....
" 27	Black Currant and Apple Jam	63153	Roddy & Walker, 135 Queenston st., St. Catharines.	3 "	30	The T. Upton Co. Ltd., Hamilton	.....	.....
" 22	Strawberry Jam Comp.	63161	D. Mackay, Dunnville.	3 jars.	30	The Can. Canners Ltd., Hamilton	.....	Lynn Valley
" 23	Raspberry Jam Comp.	63162	L. Blanchard, Main st., Welland.	3 "	30	Dom. Canners Ltd., Hamilton	.....	Canada First
DISTRICT OF WINDSOR -								
Oct. 5	Raspberry Jam.	63913	Gill Bros., Strathroy	3 jars.	60	E. D. Smith, Winona.	.....	.....
" 5	Fruit Jam..	63915	Mikel & Gill, Strathroy.	3 "	30	The T. Upton Co. Ltd., Hamilton	.....	Strawberry and apple.
" 5	" ..	63916	J. C. Best, Strathroy	3 "	38	Wentworth Pres. Co., Hamilton.	.....	Red Raspberry and apple.
" 5	" ..	63917	W. G. Meekison, Strathroy.	3 "	38	T. A. Lytle Co., Toronto.	.....	Compound peach jelly
" 5	Strawberry Jam.	63919	W. H. Tricker, Sarnia.	3 "	75	Wagstaffe Ltd., Hamilton.	.....	.....
" 5	Raspberry Jam.	63921	James Galbraith, Sarnia.	3 "	75	Stewart Ltd., Sarnia.	.....	.....
" 6	Strawberry Jam.	63923	R. Wanless & Co., Sarnia.	3 "	75	Maconochie, London, Eng.	.....	.....
" 6	Fruit Jam..	63924	Jas. Fraser, Sarnia..	3 "	30	The Lytle Co., Toronto.	.....	Red Currant Jam Compound.
" 6	" ..	63927	Peter Clark, Sarnia..	3 "	30	Can. Pres. Co., Hamilton.	.....	Lily Brand. Peach and Apple.
" 6	" ..	63928	" " ..	3 "	30	"	.....	Lily Brand. Blk. Current and Apple.

JAMS AND COMPOUND JAMS.

Results of Analysis.												
Solids per cent.				Polarization (Normal Solution.)							No. of Sample.	Remarks, and Opinion of the Chief Analyst.
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.	Residual cane sugar.	Soluble matter other than cane sugar.	Preservatives.	Dyes.		
Concluded.												
p. c.	p. c.	p. c.	p. c.				p. c.	p. c.				
1·53	58·20	59·73	40·27	+58·6	+32·3	25·3	19·0	39·18	Benzoic acid.	None.	63158	Sold as compound. Contains glucose.
2·18	55·82	58·00	42·00	+63·1	+46·9	16·2	12·2	43·64	None.	Present.	63159	" "
1·71	63·47	65·18	34·82	+48·8	+26·3	22·5	16·9	46·57	Benzoic acid.	"	63160	" "
2·55	74·10	76·45	23·55	+22·4	−24·7	47·1	35·2	38·92	None.	None.	63151	Sold as compound.
1·50	66·43	69·93	30·07	+36·6	−22·0	58·6	44.1	25·83	"	"	63152	Genuine. Domestic.
1·33	63·42	64·75	35·25	+17·9	−21·7	39·6	29·7	33·67	"	"	63153	Sold as compound.
1·87	63·17	65·04	34·96	+81·0	+58·0	23·0	17·3	45·87	Benzoic acid.	Present.	63161	" " Contains glucose.
2·00	66·24	68·24	31·76	+88·0	+68·6	19·4	14·6	51·64	None.	None.	63162	" "
JOHN TALBOT, INSPECTOR.												
5·22	65·11	70·33	29·67	−7·5	−20·3	12·8	9·0	56·11	None.	Present.	63913	Genuine, with colour.
0·84	68·41	69·25	30·75	+22·5	−22·3	44·8	33·4	35·01	"	None.	63915	Sold as compound.
0·82	70·30	71·12	28·88	+2·2	−23·4	25·6	19·1	51·16	Benzoic acid.	Present.	63916	" "
...	...	...	...	...	...	...	...	...	...	...	63917	" "
3·48	65·50	68·98	31·02	+24·3	−22·0	46·3	34·6	30·90	None.	Present.	63919	Genuine, with colour.
2·51	63·75	66·26	33·74	+30·8	−21·1	51·9	38·7	25·05	"	None.	63921	Genuine. Domestic.
2·70	66·00	68·70	31·30	−12·7	−20·8	8·1	6·1	59·90	"	"	63923	Genuine. Imported.
...	...	...	...	...	...	...	...	...	...	...	63924	Sold as compound.
3·66	60·78	64·44	35·56	+14·7	−20·6	35·3	26·4	34·42	None.	Present	63927	" "
2·29	72·87	75·16	24·84	−3·6	−24·2	27·8	20·8	50·09	"	None.	63928	" "

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher, as given by the Vendor. Manufacturer.	Furnisher.	Inspector's Report. (Is not an expression of opinion.)
DISTRICT OF MANITOBA—								
1914.								
Sept. 21	Jam	61161	A. M. Tobias, grocer, Morden.	3 pkgs	75	Wagstaffe, Ltd.	.....	Raspberry Jam.
" 21	"	61162	J. T. Acheson & Son, Morden.	3 "	75	St. Williams Fruit Preserves, Norfolk.	Campbell Bros., Wilson, Winnipeg.	Strawberry Jam.
" 24	"	61163	W. P. McCormick Co., Elmwood, P.O.	3 tins.	75	Furnivale New, Ltd., Hamilton	.....	"
" 24	"	61164	" "	3 "	75	Cairns, Paisley, Scot.	.....	Raspberry Jam.
" 25	"	61165	L. Krivel, Corydon Ave., Winnipeg.	3 "	75	Fretz, Ltd., Hamilton.	.....	Peach Jam.
" 25	"	61166	Laurie Bros., Corydon ave., Winnipeg	3 "	75	Ticklers, London, Eng.	.....	Strawberry Jam.
" 25	"	61167	" "	3 "	75	John Buchanan Bros., Ltd., Glasgow, Scot.	.....	Raspberry Jam.
Oct. 8	"	61168	J. M. McMillan, Portage ave., Winnipeg.	3 cans	75	James Robertson & Sons, London.	.....	"
" 8	"	61169	" "	3 "	75	John Buchanan & Bros., Ltd., London.	.....	"
" 8	"	61170	" "	3 "	75	Chivers & Sons, Ltd.	.....	Strawberry Jam.
DISTRICT OF SASKATCHEWAN—								
Sept. 24	Fruit Jam	64036	The A. M. McDonald Co., Ltd., Moose Jaw.	3 jars	60	Chivers & Sons, Histon, Eng.	.....	Black Currant.
" 24	"	64037	Codville Co., Ltd., Moose Jaw.	3 "	55	Kootenay Col. Pres. Co., Nelson, B.C.	.....	Red Plum K. C. Brand.
" 24	"	64038	Crawford & Co., Moose Jaw.	3 "	60	James Robertson & Sons, Paisley, Scot.	.....	Strawberry Golden Shred Brand.
" 24	"	64039	Curry Grocery Co., Moose Jaw.	3 "	75	Wm. P. Hartley, Liverpool.	.....	Strawberry
" 24	"	64041	The Innis Co., Moose Jaw.	3 "	75	J. A. McDonald, Nelson, B.C.	Moose Jaw Grcery Co., Moose Jaw.	"
" 24	"	64043	King George Grocery, Moose Jaw.	3 "	45	Lindners, Ltd., Toronto.	A. McDonald, Co., Moose Jaw	Compound, Apple and Gooseberry Banner Brand.

JAMS AND COMPOUND JAMS.

Results of Analysis.													
Solids per cent.				Polarization (Normal Solution).									
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.	Residual sugar cane.	Soluble matter other than sugar cane.	Preservatives.	Dyes.	No. of Sample.	Remarks and Opinion of the Chief Analyst.	

A. C. LARIVIERE, INSPECTOR.

p. c.	p. c.	p. c.	p. c.				p. c.	p. c.					
[illegible]	63·87	67·19	32·81	+15·7	−20·9	36·6	27·3	36·57	None.	None.	61161	Genuine.	Domestic.
[illegible]	68·21	70·16	29·84	−42·6	−22·9	65·5	48·9	19·31	"	"	61162	"	"
[illegible]	50·91	57·[illegible]	43·00	−19·9	−19·8	39·7	29·6	21·31	"	"	61163	"	"
[illegible]	68·32	71·21	28·79	−20·0	−22·6	42·6	31·8	36·52	"	"	61164	"	Imported.
[illegible]	64·40	68·80	31·20	+33·8	−19·0	52·8	39·7	24·70	"	"	61165	"	Domestic.
[illegible]	66·10	68·04	31·96	−31·9	−7·4	39·3	29·3	36·76	"	Present	61166	" colour.	With added
[illegible]	67·27	71·47	28·53	−21·6	−21·7	43·3	32·3	34·92	"	"	61167	"	"
[illegible]	67·97	71·11	28·89	+24·3	−22·6	46·9	35·5	32·45	"	"	61168	"	"
[illegible]	67·86	71·70	28·30	+12·1	21·5	33·6	25·1	42·76	"	"	61169	"	"
[illegible]	71·76	76·11	23·89	−29·8	−21·0	50·8	37·9	33·86	"	None.	61170	Genuine.	Imported.

L. H. HALL, INSPECTOR.

[illegible]	65·70	70·70	29·30	− 0·1	−20·9	20·8	15·6	50·10	None.	None.	64036	Genuine.	Imported.
[illegible]	65·90	70·00	30·00	+31·9	−20·3	52·2	39·2	26·70	"	"	64037	"	Domestic.
[illegible]	67·90	70·66	29·34	+27·7	−20·8	48·5	36·2	31·70	"	Present	64038	"	With colour.
[illegible]	66·21	69·01	30·99	+ 5·2	−11·8	17·0	12·8	53·45	"	None.	64039	"	Imported.
[illegible]	54·70	61·63	38·37	+28·4	−19·9	48·3	36·0	18·70	"	"	64041	"	Domestic.
[illegible]	70·09	73·07	26·93	+ 1·6	−13·0	14·6	10·9	59·20	"	"	64043	Sold as compound.	

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher, as given by the Vendor. Manufacturer.	Furnisher.	Inspector's Report (Is not an expression of opinion).
DISTRICT OF SASKATCHEWAN—								
1914.								
Sept. 25	Fruit Jam.	64044	The Red Store, J. R. Kelly, mgr., Moose Jaw.	3 jars.	75	Wagstaffe, Ltd., Hamilton.	Dingwell & Stewart, Winnipeg.	Raspberry & Apple.
" 25	" ..	64045	Kent & Brown Co., Ltd., Moosejaw.	3 "	1·20	Pacific Coast Syrup Co., Seattle U.S.A.	.....	Tea Garden Brand.
" 25	" ..	64046	Allan Cumming Co., Moosejaw.	3 " ..	75	Glassco's Ltd., Hamilton.	....	Red Currant
" 26	" .	64047	Moose Grocery Co., Moosejaw.	3 " ..	60	E. D. Smith, Winona.	.. ..	Green Gage.
DISTRICT OF ALBERTA—								
Oct. 28	Jam	52001	R. J. Macdonald, Strathcona.	3 jars.	90	Wagstaffe, Ltd., Hamilton.	.....	Strawberry.
" 28	"	52002	" "	3 " ..	75	Kootenay Col., Pres. Wks. Nelson.	... .	Raspberry. K.C. Brand
" 28	" .	52003	Macdonalds, Ltd., Strathcona.	3 " ..	75	James Robertson & Sons, London, Eng.	... .	Raspberry, Golden Shred.
" 28	"	52004	J. H. Morris & Co., Edmonton.	3 " ..	75	Chivers & Sons, Hinton, Eng.	.....	Strawberry.
" 28	" ..	52005	Hudson's Bay Co., Edmonton.	3 " ..	75	J. A Sharwood & Co., Ltd., London.	....	Black Currant, extra choice.
" 30	"	52006	L. T. Mewburn & Co., Ltd., Calgary.	3 " ..	Nil.	Kootenay Col., Pres. Wks., Nelson.	.....	Strawberry, K.C. Brand
" 30	"	52007	Campbell, Wilson & Horne, Calgary.	3 " ..	75	Wm. P. Hartley, London, Eng.	..... .	Raspberry, addition of other fruit juices.
" 30	"	52008	" "	3 " ..	75	Holbrooks, Ltd., London, Eng.	....	Strawberry, addition of other fruit juices.
" 30	"	52009	Geo. J. Wood, Calgary.	3 " ..	30	Kootenay Col., Pres. Wks., Nelson.	... .	Gooseberry, K.C. Brand
" 30	"	52010	" "	3 " ..	30	Wagstaffe, Ltd., Hamilton.	.....	Strawberry..

JAMS AND COMPOUND JAMS.

Results of Analysis.														
Solids per cent.				Polarization (Normal Solution).										
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.	Residual cane-sugar.	Soluble matter other than cane-sugar.	Preservatives.	Dyes.	No. of Sample.	Remarks, and Opinion of the Chief Analyst.	
[illegible] abel.													
[illegible] p. c.	p. c.	p. c.	p. c.				p. c.	p. c.					
											64044	Sold as compound.	
7·50	61·00	68·50	31·50	+37·6	−19·8	57·4	43·1	17·90	None.	None.	64045	Genuine.	Imported.
4·10	60·60	64·70	35·30	+12·7	−19·5	6·8	5·1	55·50	"	"	64046	"	Domestic.
[illegible]40	65·00	70·40	29·60	+ 7·4	−20·2	27·6	20·8	44·20	"	"	64047	"	"
[illegible] W. R. MARKLEY, INSPECTOR.													
[illegible]·67	64·68	67·35	32·65	+35·6	−21·7	57·3	43·1	21·61	None.	None.	52001	Genuine.	Domestic.
[illegible]·17	68·67	71·84	28·16	+16·4	−22·3	38·7	29·1	39·55	"	"	52002	"	"
2·[illegible]9	68·52	71·41	28·59	+11·3	−20·9	32·2	24·2	44·32	"	"	52003	"	Imported.
1·79	70·25	72·04	27·96	+17·4	−22·6	40·0	30·2	40·07	"	"	52004	"	"
1·90	69·62	71·52	28·48	+12·3	−22·3	34·6	26·0	43·62	"	"	52005	"	"
2·32	69·17	71·49	28·51	+44·8	−21·7	66·5	50·0	19·17	"	"	52006	"	Domestic.
2·79	65·69	68·49	31·52	+15·4	−20·9	36·3	27·3	38·37	"	"	52007	Sold as compound.	
2·37	67·22	69·59	30·41	+34·3	−22·3	56·6	41·8	25·42	"	"	52008	"	"
[illegible]·66	68·80	70·76	29·24	− 6·4	−21·8	15·2	11·5	57·33	"	"	52009	Genuine.	Domestic.
[illegible]·23	67·68	70·91	29·09	+25·2	−22·6	47·8	35·9	31·73	"	Present.	52010	"	With colouring.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report. (Is not an expression of opinion.)
				Quantity.	Cost.	Manufacturer.	Furnisher.	
DISTRICT OF ROCKY MOUNTAINS—								
1914.								
Oct. 20	Strawberry Jam.	61677	J. A. M'Donald, Nelson.	3 jars.	60	Vendor		
" 20	Plum Jam.	61678	" "	3 "	60	"		
" 20	Raspberry Jam.	61679	" "	3 "	60	"		
" 20	Black Currant Jam.	61680	" "	3 "	60	"		
" 20	Apricot Jam.	61681	" "	3 "	60	"		
" 20	"	61682	Kootenay Col. Pres. Wks., Nelson, B.C.	3 "	30	Vendors		
" 20	Gooseberry Jam.	61683	" "	3 "	30	"		
" 20	Raspberry Jam.	61684	" "	3 "	30	"		
" 20	Strawberry Jam.	61685	Kootenay Columbia Pres. Wks., Nelson, B.C.	3 "	30	Vendors		
" 20	Plum Jam	61686	" "	3 "	60	"		
DISTRICT OF VANCOUVER—								
Sept. 29	Fruit Jam	55057	Barker & Millar 2333 Main St., Vancouver.	3 jars.	75	James Robertson & Son, Paisley, Scotland.		Strawberry Golden Shred Brand.
" 29	"	55058	S. Goranson, 328 Hastings St. East, Vancouver.	3 "	30	Simcoe Can. Co., Paisley, Scot.		Plum
" 30	"	55059	M. Symons & Co., 2001 3rd Ave. W., Vancouver.	3 "	25	Kootenay Col. Pres Works, Nelson.		Raspberry K.C. Brand.
" 30	"	55060	B. E. Hobson, cor. 4th Ave. and Yew St., Vancouver.	3 "	75	E. D. Smith, Winona.		Black Currant.
" 30	"	55061	Beeton & Dickson 2200 Vine St., Vancouver.	3 "	1·05	F. Duerr & Sons Manchester, Eng.		Greengage
" 30	"	55062	Morrow & Dean, 2200 7th Ave. West, Vancouver.	3 "	75	Empress Mfg. Co. Vancouver.		Raspberry Empress Brand.
Oct. 5	"	55063	B. C. Market Co., 1136 Commercial Drive, Vancouver.	3 "	75	L. Noel & Sons, Ltd., London, Eng.		Strawberry

JAMS AND COMPOUND JAMS.

Results of Analysis.													
Solids, per cent.				Polarization (Normal solution).									
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.	Residual cane sugar.	Soluble matter other than cane sugar.	Preservatives.	Dyes.	No. of Sample.	Remarks and Opinion of the Chief Analyst.	
THOMAS PARKER, INSPECTOR.													
p. c.	p. c.	p. c.	p. c.				p. c.	p. c.					
4·07	69·75	73·82	26·18	+19·7	-23·4	43·1	32·4	37·37	None.	None.	61677	Genuine.	Domestic.
7·23	63·70	70·93	29·07	− 2·0	−20·0	18·0	12·8	50·85	"	"	61678	"	"
6·46	64·83	71·29	28·71	+25·4	-22·0	47·4	35·6	29·23	"	"	61679	"	"
2·43	66·60	69·03	30·97	+ 6·6	-19·5	26·1	19·3	47·30	"	"	61680	"	"
1·87	64·57	66·44	33·56	+39·3	-21·4	60·7	45·6	18·99	"	"	61681	"	"
1·86	60·32	62·18	37·82	+42·5	-20·0	62·5	46·6	13·67	"	"	61682	"	"
2·89	62·16	65·05	34·95	+29·9	−21·7	42·6	32·0	33·00	"	"	61683	"	"
5·02	64·82	69·84	30·16	+25·3	−21·2	46·5	34·9	34·89	"	"	61684	"	"
2·26	69·15	71·41	28·59	+43·6	-18·9	62·5	47·0	24·41	None.	"	61685	"	"
0·88	67·74	68·62	31·38	+25·4	-22·3	47·7	35·8	31·94	"	"	61686	"	"
E. J. MORGAN, INSPECTOR.													
1·73	68·80	70·58	24·42	+16·3	-22·9	39·2	29·7	39.10	None.	None.	55057	Genuine.	Imported.
8·70	65·90	74·60	25·40	- 3·4	−18·7	15·3	11·5	54·40	"	"	55058	"	Domestic.
6·29	60·71	67·00	33·00	+19·9	−19·8	39·7	29·6	31·11	"	"	55059	"	"
5·50	59·10	64·60	35·40	- 8·9	-18·9	10·0	7·5	51·60	"	"	55060	"	"
1·00	63·30	64·30	35·70	+13·3	−20·2	33·5	25·2	38·10	"	"	55061	"	Imported.
5·10	59·70	64·80	35·20	+ 7·9	-16·7	24·6	18·5	41·20	"	"	55062	"	Domestic.
1·84	66·45	68·29	31·71	+36·3	-22·3	58·6	43·7	22·70	"	"	55063	"	Imported.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the vendor. Manufacturer.	Furnisher.	Inspector's Report. (Is not an expression of opinion.)
								DISTRICT OF VANCOUVER—
1914.								
Oct. 7	Fruit Jam ..	55064	Annandale Supply Co., 641 Columbia St., New Westminster.	3 jars.	75	Chivers & Sons, Ltd., Cambridge Eng.	.....	Raspberry and Currant improved with a small proportion of Fruit Jelly.
" 7	" ...	55065	C. A. Welsh, Ltd., 681 Columbia St., New Westminster.	3 " ..	45	Can. Canners, Ltd., Hamilton.	.....	Red Currant Compound. Red Seal Brand.
" 9	" ...	55066	David Spencer, Ltd., Vancouver, B.C.	3 " ..	75	Tickler's, Lincolnshire, Eng.	.....	Gooseberry..
								DISTRICT OF VICTORIA—
Sept. 22	Strawberry Jam.	61968	The Windsor Grocery Co., 817 Govt. St., Victoria.	3 jars.	75	Empress Mfg. Co. Vancouver.	.....	Empress Brand.
" 22	" ...	61969	" "	3 " ..	75	Wagstaffe, Ltd., Hamilton.	.....	.....
" 23	Jam (Plum).	61975	E. B. Jones, 1802 Govt. St., Victoria.	3 tins	45	W. D. Peacock & Co., Ltd., Hobart, Tasmania.	.....	.....
" 24	Raspberry Jam.	61980	The West End Grocery Co., 1002 Govt. St., Victoria.	3 jars.	75	James Keiller & Sons, Dundee, Scotland.	.....	.....
" 25	Jam (Apricot).	61983	Acton Bros., 1317 Douglas St., Victoria.	3 " ..	75	L. Noel & Sons, London, Eng.	.....	.....
Oct. 3	" (Raspberry).	61988	Dixi H. Ross & Co., 1317 Govt. St., Victoria.	3 " ..	45	G. & E. Norton, London, Eng.	.....	.....
" 3	" (Apricot).	61992	Copas & Young, 631 Fort St., Victoria.	3 " ..	75	Chivers & Sons, Cambridge, Eng.	.....	.....
" 3	" (Red Gooseberry)	61993	" "	3 " .	60	Wm P. Hartley Liverpool, Eng.	.....	.....
" 5	" (Greengage).	61994	H. W. Driver, 856 Yates St. Victoria.	3 " ..	75	Empress Mfg. Co. Vancouver.	.....	Empress Brand.
" 9	" (Black Currant).	c1995	Dixi H. Ross, 1317 Govt. St. Victoria.	3 " ..	75	Tickler's, London Eng.	.....	.....

JAMS AND COMPOUND JAMS.

Results of Analysis.												Remarks and Opinion of the Chief Analyst.
Solids per cent.				Polarization (Normal Solution).								
Insoluble.	Soluble.	Total.	Water.	Direct.	Invert.	Difference.	Residual Cane Sugar.	Soluble Matter other than Cane Sugar.	Preservatives.	Dyes.	No. of Sample.	
Concluded.												
p. c.	p. c.	p. c.	p. c.									
4·57	70·10	74·67	25·33	−13·5	−19·8	6·3	4·7	65·40	None.	None.	55064	Sold as compound.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	55065	" "
2·90	63·60	66·50	33·50	− 6·6	−20·2	13·6	10·2	53·40	"	"	55066	Genuine. Imported.

D. O'SULLIVAN, INSPECTOR.

3·01	64·60	67·64	32·36	+29·8	−21·0	50·8	37·9	26·70	None.	None.	61968	Genuine. Domestic.
5·96	62·37	68·33	31·67	+24·2	−19·0	43·2	32·3	30·67	"	"	61969	" "
2·00	67·90	71·90	28·10	−10·9	−20·1	9·2	6·9	61·00	"	"	61975	" Imported.
3·40	67·51	70·91	29·09	− 2·7	−22·0	19·3	14·6	52·89	"	"	61980	" "
2·00	61·40	64·00	36·00	+17·2	−19·5	36·7	27·3	34·10	"	"	61983	" "
3·50	69·50	73·10	26·90	+11·7	−22·3	34·0	25·6	43·90	"	Present.	61988	Genuine with added colour.
7·10	60·90	68·00	32·00	+ 9·9	−18·3	28·2	21·2	39·70	"	None.	61992	Genuine. Imported.
4·00	66·20	70·80	29·20	− 1·4	−21·6	20·2	15·2	51·00	"	"	61993	" "
6·40	55·50	61·90	38·10	− 9·2	−15·6	6·4	4·8	50·70	"	"	61994	" Domestic.
3·90	67·80	71·70	28·30	+12·2	− 9·0	21·2	15·9	51·90	Salicyclic acid.	"	61995	Genuine with added preservative.